

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ian William Carpenter et al. : Art Unit:  
Application No.: 09/646,497 : Examiner:  
Application Submitted September 18, 2000 :  
FOR: CATALYTIC GENERATION :  
OF HYDROGEN :

REQUEST FOR EXTENSION OF TIME


Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

In the subject application, it is requested that the shortened period for response to the Notification of Missing Requirements dated October 11, 2000, be extended five (5) months until April 11, 2001.

Enclosed is the Patent Application processing fee under 37 C.F.R. § 1.17.

Respectfully submitted,

  
\_\_\_\_\_  
Christopher R. Lewis, Reg. No. 36,201  
Attorney for Applicants

CRL/lrb  
Enclosure: Check (\$1,890.00)

Dated: April 11, 2001

Suite 301  
One Westlakes, Berwyn  
P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Assistant Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on:

April 11, 2001  
Date

  
\_\_\_\_\_  
Christopher R. Lewis

04-12-01

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# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
JMYT-224US1

Total Pages in this Submission  
33
**TO THE ASSISTANT COMMISSIONER FOR PATENTS**
Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**CATALYTIC GENERATION OF HYDROGEN**

and invented by:

**Ian William Carpenter**  
**John William Hayes**

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP) of prior application No.: 09/646,497

Which is a:

☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 15 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☐ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☐ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Application Elements (Continued)**

3. ☐ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

a. ☐ Formal Number of Sheets \_\_\_\_\_

b. ☐ Informal Number of Sheets \_\_\_\_\_

4. ☐ Oath or Declaration

a. ☐ Newly executed *(original or copy)* ☐ Unexecuted

b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*

c. ☐ With Power of Attorney ☐ Without Power of Attorney

d. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.

6. ☐ Computer Program in Microfiche *(Appendix)*

7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*

a. ☐ Paper Copy

b. ☐ Computer Readable Copy *(identical to computer copy)*

c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & document(s))*

9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations

12. ☒ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail *(Specify Label No.):* EL751749256US

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
JMYT-224US1

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33

## Acc mpanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☒ Additional Enclosures (please identify below):

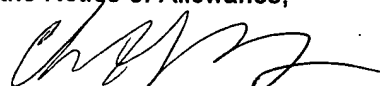
A copy of the Request for Extension of Time filed in the parent application.

## Fee Calculation and Transmittal

### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	22	- 20 =	2	x \$18.00	\$36.00
Indep. Claims	1	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$746.00

- ☒ A check in the amount of \$746.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 18-0350 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Christopher R. Lewis, Reg. No. 36,201  
Attorney for Applicants

Dated: April 11, 2001

RATNER & PRESTIA  
Suite 301, One Westlakes (Berwyn)  
P.O. Box 980  
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(610) 407-0700

CC:

**Applicant(s): Ian William Carpenter et al.**

Docket No.

**JMYT-224US1**

**Serial No.**  
**To Be Assigned**

**Filing Date**  
**Herewith**

**Examiner**

## Group Art Unit

Invention: CATALYTIC GENERATION OF HYDROGEN

**I hereby certify that the following correspondence:**

**Utility Patent Application (Continuation) and accompanying documents listed on the Utility Patent Application Transmittal**

***(Identify type of correspondence)***

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

**April 11, 2001**

**(Date)**

## Kathleen Libby

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

**EL751749256US**

**("Express Mail" Mailing Label Number)**

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P06A/REV02